

BILL NO. S-77-06-52.

SPECIAL ORDINANCE NO. S-

141-77

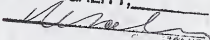
AN ORDINANCE approving blanket purchase order for materials for the Water Maintenance and Service Department.

BE IT ORDAINED BY THE COMMON COUNCIL OF THE CITY OF FORT WAYNE, INDIANA:

SECTION 1. That the contract dated May 31, 1977, between the City of Fort Wayne, by and through its Mayor and the Board of Public Works and Cooper Distributing, City Utilities Purchase Order No. B-8972, for a blanket order for 75 Fire Hydrants for the period from July 1, 1977 thru December 31, 1977, all for a estimated maximum cost of \$22,427.25 to be charged against Water Utility as the supplies are needed, which said purchase order is on file in the Office of the Department of Purchasing and are by reference incorporated herein, made a part hereof and is hereby in all things ratified, confirmed and approved.

SECTION 2. This Ordinance shall be in full force and effect from and after its passage and approval by the Mayor.


Councilman

APPROVED AS TO FORM
AND LEGALITY,

CITY CLERK

Read the first time in full and on motion by Burns, seconded by

Laricio, and duly adopted, read the second time by title and referred to the Committee on City Utilities (and the City Plan Commission for recommendation) and Public Hearing to be held after due legal notice, at the Council Chambers, City-County Building, Fort Wayne, Indiana, on _____, the _____ day of _____, 19____, at _____ o'clock _____ M., E.S.T.

DATE: 6-28-77

Charles W. Westerman

CITY CLERK

Read the third time in full and on motion by Burns, seconded by Stier, and duly adopted, placed on its passage.

PASSED (~~LOST~~) by the following vote:

	<u>AYES</u>	<u>NAYS</u>	<u>ABSTAINED</u>	<u>ABSENT</u>	<u>TO-WIT:</u>
<u>TOTAL VOTES</u>	<u>8</u>	_____	_____	<u>1</u>	_____
<u>BURNS</u>	<u>✓</u>	_____	_____	_____	_____
<u>HINGA</u>	<u>✓</u>	_____	_____	_____	_____
<u>HUNTER</u>	_____	_____	_____	<u>✓</u>	_____
<u>MOSES</u>	<u>✓</u>	_____	_____	_____	_____
<u>NUCKOLS</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT, D.</u>	<u>✓</u>	_____	_____	_____	_____
<u>SCHMIDT, V.</u>	<u>✓</u>	_____	_____	_____	_____
<u>STIER</u>	<u>✓</u>	_____	_____	_____	_____
<u>TALARICO</u>	<u>✓</u>	_____	_____	_____	_____

DATE: 7-12-77

Charles W. Westerman

CITY CLERK

Passed and adopted by the Common Council of the City of Fort Wayne, Indiana, as (ZONING MAP) (GENERAL) (ANNEXATION) (SPECIAL) (APPROPRIATION) ORDINANCE (RESOLUTION) No. S-141-77 on the 12th day of July, 1977.

ATTEST: (SEAL)

Charles W. Westerman

CITY CLERK

John Nuckols

PRESIDING OFFICER

Presented by me to the Mayor of the City of Fort Wayne, Indiana, on the 13th day of July, 1977, at the hour of 1:00 o'clock PM, E.S.T.

Charles W. Westerman

CITY CLERK

Approved and signed by me this 13th day of July, 1977, at the hour of 2:30 o'clock _____ P. _____ M., E.S.T.

Robert E. Cunchong

MAYOR

Bill No. S-77-06-52

REPORT OF THE COMMITTEE ON CITY UTILITIES

We, your Committee on City Utilities to whom was referred an Ordinance
approving blanket purchase order for materials for the Water Maintenance and
Service Department

have had said Ordinance under consideration and beg leave to report back to the Common
Council that said Ordinance PP PASS.

PAUL M. BURNS - CHAIRMAN

FREDRICK R. HUNTER - VICE CHAIRMAN

VIVIAN G. SCHMIDT

WINFIELD C. MOSES, JR.

JAMES S. STIER

7-12-77 CONCURRED IN
DATE _____ CHARLES W. WESTERMAN, CITY CLERK

Memorandum

64-264-21 6/15/77

To H. P. Wehrenberg, Board of Works Date June 13, 1977
 From Ruth Winget, Purchasing Department
 Subject Bid Reference #429, 75 Fire Hydrants

COPIES TO:

J. Morreale
 B. Drew

Herewith are bid documents (Bid #429) relating to Purchase Order No. B-8972 which is prepared favoring Cooper Distributing for 75 Fire Hydrants for Water Maintenance and Service Department.

<u>Vendor</u>	<u>Brand</u>	<u>Unit Price</u>	<u>Total</u>
Cooper Distr.	Waterous WB-67	\$299.03/ea.	\$22,247.25
Mueller Co.	Mueller A419	301.30/ea.	22,597.50
Traverse City	Traverse City H-1-M	320.00/ea.	24,000.00
Kennedy Valve	Kennedy K-10B	326.00/ea.	24,450.00

Eight (8) vendors were invited to bid. Four (4) offerings were submitted. (Cooper Distributing being second lowest net and offering 5% discount on parts.)

Mueller Company offered 2% discount for payment within 30 days which reduces the unit price from \$301.30 to \$295.27. They offered no discount on replacement parts.

Review of the competitive offerings with Water Maintenance and Service Department establishes the following significant considerations:

- 1) Acceptance of the Mueller offering would require the user department to establish duplicate inventory of hydrant parts, e.g. non-interchangeable valves and stems which would more than off-set the unit first cost difference between Mueller and Waterous hydrants.
- 2) The Mueller offering of Model A419 is expected to be superseded in the near future. It would be economically hazardous to commit Water Maintenance and Service to the Mueller hydrant until they are prepared to offer the new model and until Water Engineering has had an opportunity to approve it.
- 3) While the Invitation to Bid was based on an estimated quantity of 75 hydrants to be purchased during the term of the bid - 6 months, revised estimates are now reduced 40 to 50 units. Thus, the apparent total price advantage favoring Mueller would be substantially reduced, and more than off-set by the additional inventory cost.

Accordingly, Purchasing recommends placing this business with Cooper Distributing Company Inc. for Waterous WB-67 fire hydrants.

continued on page 2

Memorandum

To H. P. Wehremberg, Board of Works Date June 13, 1977
From Ruth Winget, Purchasing Department
Subject Bid Reference #429, Fire Hydrants

COPIES TO:

J. Morreale
B. Drew

Attached are the following documents in support of the recommendation for acceptance of Cooper Distributing bid:

1. Copy of Tab Sheet.
2. All vendors Bids.
3. Copy of Purchase Order.
4. Copy of Bid Mailing List

It is urged that in referring this bid-quote to the City Council for enactment of an ordinance, that all of the attached items, together with this memorandum (or copies) be included with the proposed ordinance.

Please make sure that no confirming Purchase Order Number (s) is given to Cooper Distributing until evidence of Council approval is furnished to the Purchasing Department.

R. A. Winget
R. A. Winget

Approved: A. C. Lord

A. C. Lord

64-264-22 6/15/77

REF. 429
5/19/77
SING DATE 10:30 A.M.
ter Maintenance

75-Fire Hydrants

Cooper Distributing

2fd. O.K.

B-8972

Watson WB-67

299.03/ea.
6.00 a.m.D
5%

22,597.50

Mueller Company

2fd. O.K.

290-30

Mueller A-419

301.30/ea.
6.30 a.m.D
0%

22,597.50

Kennedy Valve

2fd. O.K.

2% - 10

Kennedy K-10B

326.00/ea.
6.50 a.m.D
10%

24,450.00

Traverse City

2fd. O.K.

290-10 Ref net 30

Traverse City H-1A

320.00/ea.
7.00 a.m.D
10%

24,000.00

Treaty Company

Tri-State Plumbing

CITY OF FORT WAYNE CITY UTILITIES

DEPARTMENT OF PURCHASES
ROOM 950 CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

Cooper Distributing
3205 North Wells Street
Fort Wayne, Indiana 46808

64-264-22
ORIGINAL B-8972
PURCHASE ORDER NO.

This number must appear on each pack-
age, packing slip, invoice, bill of lading,
express receipt and correspondence.

DATE May 31, 1977

SHIP TO —

Water Maintenance & Service Dept.
415 East Wallace Street
Fort Wayne, Indiana 46803

MAIL ALL INVOICES TO —
CITY UTILITIES

GENERAL ACCOUNTING
4th FLOOR CITY-COUNTY BUILDING
NUMBER ONE EAST MAIN STREET
FORT WAYNE, INDIANA 46802

INVOICE IN DUPLICATE, INCLUDING
CERTIFICATION AS REQUIRED BY
INDIANA STATE BOARD OF ACCOUNTS

QUANTITY RECEIVED	QUANTITY ORDERED	DESCRIPTION	ACCT. OR * W.O. NO.	UNIT PRICE	TOTAL
	75	<p>BLANKET PURCHASE ORDER FOR:</p> <p>THE PERIOD FROM JULY 1, 1977 thru DECEMBER 31, 1977</p> <p>Fire Hydrants</p> <p>Add or Deduct for each 6" variation trench depth \$6.00</p> <p>Discount from included parts list 5</p> <p><u>SUBJECT TO COUNCILMANIC APPROVAL</u></p> <p>Requirements will be released on departmental Purchase Orders, against this blanket order as required by the using department.</p> <p>Per Bid Ref. #429 F.O.B. Destination Net 30</p>		<p>\$299.03/ea.</p>	<p>\$22,427.25</p>

APPROVED
Board of Public Works

ATTENTION!

Send all Invoices to General Accounting
4th Floor, City-County Bldg.
1 E. Main St.
Fort Wayne, Indiana 46802
Show P. O. Number on Packing Slip
and Invoice.

RH/pl #4717

NOTE: TERMS OF PAYMENT MUST BE SHOWN ON FACE OF INVOICE. OTHERWISE A 2% CASH DISCOUNT WILL BE TAKEN

City Utilities

PURCHASE REQUISITION

Cooper Distributing
3705 N. Wells St.
46808

Date 4-22-77

Please order the following Material for Delivery as Specified:

To be delivered to Water Distribution & Service Division Req. No. 4717

On or before 1115 E. Williams P. O. No. B8972

QUANTITY	DESCRIPTION	DIST. NO.	DEPARTMENT ESTIMATED COST
	<u>Blanket Purchase Order for:</u>		
	Bids and estimates for		
	as per attached copies of		
	the bid, estimate is, after hydraulic		
	calculations, made in office		
	purchase of fittings		
75	Fire Hydrants	\$299.03/ea	\$22,427.25
	Add or Deduct for each 6" variation in trench depth \$6.00		
	Discount from included parts list 5%		
	RECEIVED		
	MAR 24 1977		
	CITY UTILITIES		
	GEN. SUPT. OFFICE		
REMARKS:	Per Bid Ref # 429		
	F.O.B. Destination		
	Net 30		

I hereby certify that the work or supplies above specified are necessary for stock or use in this department.

Department

Sheldon L Miller 3/24/77

Dept. Head

Charge Light

Water

Sewage

To cover period from July 1, 1977 thru December 31, 1977.

Requirements will be released on departmental Purchase Orders against this blanket order as required by the using department.

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc., to Attn. of A.C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department or Division Water Maintenance & Service Department

415 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing

Time of Bid Thursday, May 19, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 14864. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.

TAX EXEMPT (Unless otherwise indicated)

Page 1 of 6

Ref. No. 429

Date April 12, 1977

Date wanted May 19, 1977

Fund
Appropriation No. _____

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		<u>Fire Hydrants - Specifications Attached.</u>	<u>299.03</u>	
		Estimated usage for July 1, 1977 thru December 31, 1977		
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid..		
		We require a guaranteed firm price for the period July 1, 1977 thru December 31, 1977 and delivery to our yard within 30 days notification of release. This will not be a one time purchase. It is anticipated that release quantities will be 25 to 30 hydrants per release.		
		Your parts list, with discounts, must accompany your bid.		
		A blanket purchase order will be issued to the successful company, after necessary Councilmanic Approval, and the hydrants are to be delivered only upon issuance of departmental purchase orders.		

Bid Bond required ☐ YES ☐ NO ☐ Performance Bond ☐ YES ☐ NO ☐
 Terms X % cash discount if paid within X days from delivery and acceptance of goods or completion of service.
 See instruction item No. 18 on reverse side hereof.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as it shall not oppose such form.

Delivery of any or all of the items or completion of services indicated shall be made within _____ days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidder furnish the information requested above.

Sign Here

Scoble Distributing Co., Inc.
 Name of Company
 By H. H. Scoble Title President
 Address 2805 N. Wayne St. Fort Wayne, Ind.
46803

FIRE HYDRANT SPECIFICATIONS
Section D - Fire Hydrants (Mains)

Fire hydrants used in the construction of water mains shall be of the traffic type and shall be made in accordance with the latest revisions of the American Water Works Association Standards, designation C502; shall have a six (6) inch mechanical joint bell inlet at the base and all jointing accessories in accordance with Section A-4a of these standards; shall open by turning left (counter clockwise); shall have a minimum valve opening of five (5) inches; shall be equipped with O-ring packing, one and one-half (1-1/2) inch pentagon operating nut, one four and one-half (4-1/2) inch pumper and two (2) two and one-half (2-1/2) inch hose connections, all on the plane, and having National Standard Fire Hose threads of four (4) threads and seven and one-half (7-1/2) threads per inch, respectively; and a ground line flange and shall be painted Federal Yellow.

The fire hydrant barrels shall be of sufficient length so as to connect with the hydrant leg, attached to the water main, and so the ground line flange is not less than two (2) inches or more than six (6) inches above the finished grade of the adjacent area.

Each fire hydrant shall be installed with a six (6) inch mechanical joint valve between it and the main to which it is connected. There shall be a twenty four (24) inch nipple of six (6) inch pipe between the valve and the hydrant. The following fire hydrants, or approved equals, are the only fire hydrants which will be accepted for use in connection with water main installations:

BRAND NAME:CATALOG NO.

Kennedy

K-10B

American - Darling

B-62B

Traverse City

H-1-M

Waterous

WB-67

Mueller

A-419

ESTIMATED USAGE - 75

Hydrant Traffic Type 5' 6" Bury.....\$ 249.03
Add or Deduct for each 6" variation in trench depth.....\$ 6.00
Percentage of discount from included parts list.....5

WATEROUS FORE HYDRANTS

PACER TYPE

Model W-67, WB-67

PARTS PRICE LISTPrices are F.O.B., South St. Paul, Minnesota
(Minimum billing any one order - \$15.00)

REF. NO.	PART NUMBER	DESCRIPTION OF PARTS	UNIT PRICE
3.	5214	Packing, valve seat, upper and lower O-Rings	\$ 1.15
5.	50673	Gasket, flange, lower standpipe	.75
6.	51480	Bolt, hex head, lower standpipe (4 required)	.75
		5/8-11 x 3 in., w/nut W2010CA	
6A.	51484	Bolt, hex head, upper standpipe (4 required)	.75
		5/8-11 x 3-3/4 in., w/nut W2010CA	
6B.	W1010-36HTCA	Bolt, hex head, breakoff section (4 required), w/nut W2010CA	.75
6C.	W2010CA	Nut, Hex	.10
7.	51469	Plunger, drain	3.20
8.	W3508-24SS	Pin, cotter, SS, 1/4 x 1-1/2 in.	.15
9.	51482	Chain, nozzle cap, single	1.30
9A.	51483	Chain, nozzle cap, double	2.80
10.	(1)	Cap, nozzle, nut type, 2-1/2 in., w/gasket	9.90
10A.	(1)	Cap, nozzle, rocker-lug type, 2-1/2 in., w/gasket	9.90
10B.	(1)	Cap, nozzle, rocker-lug type, w/provision for chain, w/gasket	9.90
10C.	(1)	Cap, pumper nozzle, nut type w/gasket	17.00
10D.	(1)	Cap, pumper nozzle, rocker-lug type w/gasket	17.00
10E.	(1)	Cap, pumper nozzle, rocker-lug type w/provision for chain, w/gasket	17.00
		NOTE: FOR VENTED CAPS - ADD \$3.00 EACH	
11.	5204-1	Gasket, cap, rubber, 2-1/2 in.	.25
11A.	5204-2	Gasket, cap, leather, 2-1/2 in.	1.85
11B.	(2)	Gasket, pumper cap, rubber	.90
11C.	(2)	Gasket, pumper cap, leather	3.95
12.	(2)	Nozzle, hose, 2-1/2 in.	12.00
12A.	(3)	Nozzle, pumper, 3 to 5 in.	33.00
16.	W9125-8B	Screw, oil hole - operating nut	.15
17A.	51470-L,-R(4)	Nut, operating, lower, LH or RH	7.00
17B.	61906-(N) (5)	Nut, operating, upper - since 1970	8.50
17C.	61906-(N)BZ (5)	Nut, operating, upper - since 1970	16.10
	V1954	(always supply with ring No. 90)	.65
25.	51124	Bushing, valve rod	1.70
28.	61736-L,-R(4)	Rod Ass'y, valve rod, w/bushing W-67 (see sub-ass'y L, K-440)	32.50
29.	61727-70	Standpipe, pipe only, 7 ft cover, W-67	143.00
		Add or deduct for each 6 in. variation	9.00
29A.	61728-70	Standpipe, pipe only, 7 ft cover, WB-67	132.00
		Add or deduct for each 6 in. variation	9.00
30.	61735	Cross arm	5.80
31.	71530	Seat, valve w/upper & lower O-Ring packing (#3)	40.00
34.	61733	Valve washer, upper	2.20
35.	61920	Main valve, rubber	2.70
35A.	61970	Main valve, leather	20.30

- Notes: (1) Part number varies with thread and, where applicable, nut type.
 (2) Part number varies with cap size.
 (3) Part number varies with thread size.
 (4) (-L) is OPEN LEFT HYDRANT, (-R) is OPEN RIGHT HYDRANT.
 (5) Replace (N) with number corresponding to correct nut size.

All prices subject to change without notice.

REF. NO.	PART NUMBER	DESCRIPTION OF PARTS	UNIT PRICE
35B.	62023	Main valve, rubber "hard"	\$ 18.30
36.	61919	Valve washer, lower	7.80
37.	71509	Bottom, mechanical joint, 4 in.	97.00
	71310	" " " " 6 in.	98.00
	71574	" flanged, 4 in.	93.00
	71394	" flanged, 6 in.	98.00
	71397	" ring-tite, 6 in.	103.00
	71395	" tyton, 6 in.	173.00
	71396	" hub, 6 in.	99.00
	71719	" mechanical joint, 8 in.	105.00
38.	5320-N(5)	Wrench, oprating nut & hose spanner	6.00
40.	61729	Breakoff section, standpipe (10 in. long)	29.00
	61729-16	" " " (16 in. long)	38.00
	61729-22	" " " (22 in. long)	47.00
	61729-28	" " " (28 in. long)	56.00
45.	61820-L	Extension, top standpipe, pipe only	
		6 in. min. length for WB-67	24.00
		12 in. min. length for W-67	33.00
		Add for each 6 in. additional length	9.00
46.	71434	Extension, bottom standpipe	205.00
		12 in. min. length (see sub-ass'y S, K-444)	
47.	W30204	Gland, mechanical joint, 4 in. pipe	7.00
	50546	4 in. Class B	12.70
47A.	W30206	Gland, mechanical joint, 6 in. pipe	7.20
		6 in. Class B pipe	15.50
48.	W30035	Bolt, mechanical joint, 4 & 6 in., w/nut W30375	1.30
49.	W30104-L	Gasket, mechanical joint, 4 in., lead tipped	3.10
	W30106-L	6 in. lead tipped	3.95
49A.	W30104-R	Gasket, mechanical joint, 4 in., rubber	2.35
	W30106-R	6 in. rubber	2.90
50.	5787	Gasket, flanged joint, 6 in.	1.75
51.	W1012-44CA	Bolt, flanged connection, 6 in., w/nut W2012CA	.75
54.	51067	Bushing, drain	.35
56.	71313	Support	22.30
56A.	71728	Support (oil reservoir-Omaha type)	23.00
56B.	71611	Support (oil reservoir-Memphis type)	27.90
57.	W3724-4	Packing, O-Ring - operating nut (1 required)	.25
59.	W3718-4	Packing, O-Ring (2 required)	.15
60.	80684-L,-R(4)	Nozzle section, only, DD - LH or RH	52.00
	80571-L,-R(4)	Nozzle section, only, DDP - LH or RH	57.00
	80709-L,-R(4)	Nozzle section, only, PP - LH or RH	92.00
61.	61741	Plate, bury depth, w/washers	.40
62.	61726	Clamp, lock ring	1.10
63.	61724	Flange, breakoff section	10.00
64.	50676	Ring, flange lock	1.80
67.	51472	Sleeve, coupling (2 halves = 1 set)	3.95
67A.	51645	Sleeve, coupling, Bronze (2 halves = 1 set)	17.10
71.	61737-L,-R(4)	Rod only, breakoff, upper, w/bushing - LH or RH	15.00
72.	61738-L	Rod, lower (add length of hydrant)	24.00
74.	K-431	Extension assembly, valve rod, WB-67 (6" minimum)	16.50
75.	K-432-L,-R(4)	Extension assembly, valve rod, W-67 (12" minimum)	20.00

- Notes: (1) Part number varies with thread and, where applicable, nut type.
(2) Part number varies with cap size.
(3) Part number varies with thread size.
(4) (-L) is OPEN LEFT HYDRANT, (-R) is OPEN RIGHT HYDRANT.
(5) Replace (N) with number corresponding to correct nut size.

REF. NO.	PART NUMBER	DESCRIPTION OF PARTS	UNIT PRICE
76.	W23038-5	Setscrew, rod extension	\$.15
78.	(6)	Lightweight valve seat removal wrench	120.00
80.	51475	Washer, thrust, Teflon (used before 1970 - see No. 90)	1.20
81.	W0103-7C	Pin, groove, Type 2, Beryllium copper, 3/32" x 7/16 in.	.25
82.	51477	Seal, tube, upper (O-Ring W3738-4 optional)	.35
83.	51513	Seal, tube, lower (O-Ring W3730-4 optional)	.30
84.	51479	Gasket, support (2 required)	.40
85.	61725	Tube, support	8.60
85A.	62197	Tube, support (oil reservoir-Omaha type)	30.00
86.	W2416CA	Nut, stop - Open left hydrant	.40
	W2416-LCA	Nut, stop - Open right hydrant	.40
87.	V1853	Nut, coupling (4 required)	.50
88.	51481	Stud, coupling (2 required)	.90
89.	51471	Bushing, Nylon	1.05
90.	V1954	Ring, thrust, Teflon (used since 1970) (see #17C)	.65
91.	W6504B	Plug, sq hd pipe, brass, 1/4 in. (U.L. press. tap)	2.35
92.	51584	Gasket, breakoff flanged (lipped)	1.20
93.	51611	Plate, identification (U.L.)	2.00
94.	W9006-4	Screw, rd hd drive, No. 6 x 1/4 in. (2 required)	.10
98.	W37104-4	Packing, O-Ring (Bronze to Bronze valve seat)	1.60
99.	W66048	Plug, oil level (oil reservoir)	.60

SPECIALS

61423-1	2-1/2 in. cap (NST thread), tapped, 1-1/4 in. NPT	25.00
61423-2	2-1/2 in. cap (Waterous Std. threads), tapped 1-1/4 in. NPT	25.00
51193-1	Plate, instruction (no drain)	3.00
V-1746 (6-V)	Jabsco "Water Puppy" pump	POA
V-1739 (12-V)	Jabsco "Water Puppy" pump	80.00
V-1747	Service Kit, Jabsco pump, 6 & 12 V	8.20
V-1935	Oil, operating nut (1 pint)	1.05
V-1934	Hydrant grease (1 pound)	1.80
V-2056R	Spray paint (touch-up) (red)	3.50
V-2056Y	Spray paint (touch-up) (yellow)	3.50
V-1321	Pear-shaped rings (chains)	.95
V-2022	Hydrant hose gate valves	80.00
71542	Insert, valve seat	50.00
51686	Sleeve, safety lock	6.50
62024-(N) (5)	Extension, Weathershield nut	14.30
62025-(N) (5)	Nut ass'y, operating	23.50
62114	Coupling, safety sleeve	16.30

Notes: (1) Part number varies with thread and, where applicable, nut type.
 (2) Part number varies with cap size.
 (3) Part number varies with thread size.
 (4) (-L) is OPEN LEFT HYDRANT, (-R) is OPEN RIGHT HYDRANT.
 (5) Replace (N) with number corresponding to correct nut size.
 (6) Part number varies with length of hydrant

All prices subject to change without notice.

HYDRANT SUBASSEMBLIES
(Numbers in parentheses in Description Column
are quantities for each reference number)

REF. NO.	PART NUMBER	DESCRIPTION OF PARTS	UNIT PRICE
A.	K-430	BREAKABLE COUPLING ASSEMBLY #67 (1), #87 (4), #88 (2)	\$ 7.75
B.	K-431	ROD EXTENSION ASSEMBLY (See Ref. #74) Traffic Model WB-67 Hydrant #74 (1), #67 (1), #88 (2), #87 (4) H-267 Instruction Sheet (1) 6 in. Minimum, indicate extension length.	16.50
C.	K-432-L,-R	ROD EXTENSION ASSEMBLY (See Ref. #75) Non-Traffic Model W-67 Hydrant #75 (1), #25 (1), #76 (4) H-269 Instruction Sheet (1) 12 in. Minimum, indicate extension length.	20.00
E.	K-434	TOP EXTENSION Non-Traffic Hydrant - 12 in length minimum* #84 (2), #92 (1), #64 (2), #6A (2), #63 (2), #45 (1), #61 (1), #6B (4) *Add for each 6 in. additional length	55.00 9.00
E-1.	K-434/K-432	TOP & ROD EXTENSION ASSEMBLY, COMPLETE - 12 in. (consists of C & E) 12 in. minimum* *Add for each 6 in. additional length	75.00 9.00
F.	K-434B	TOP EXTENSION Traffic Model Hydrant - 6 in. length minimum* #84 (2), #92 (2), #64 (2), #6A (4), #63 (2), #45 (1), #61 (1), #6B (8) *Add for each 6 in. additional length	48.50 9.00
F-1	K-434B/K-431	TOP & ROD EXTENSION ASSEMBLY, COMPLETE 6 in. (consists of B & F) 6 in. minimum* *Add for each 6 in. additional length	65.00 9.00
H.	K-436	KIT, UPPER VALVE ROD, WB-67 #71, (1), #67 (1), #87 (2), #86 (1), #88 (1)	22.00
I.	K-437	KIT, LOWER VALVE ROD, WB-67 #72 (1), #8 (1), #88 (1), #87 (2) Indicate length of hydrant	27.00
J.	K-438	KIT, STANDPIPE ASSEMBLY W-67 7'0" cover* #64 (2), #5 (1), #84 (2), #6 (4), #6A (4), #62 (8), #29 (1), #61 (1) *For each 6 in. variation, add or subtract	157.00 9.00
K.	K-439	KIT, STANDPIPE ASSEMBLY WB-67 7'0" cover* #64 (2), #5 (1), #6 (4), #63 (1), #62 (4) #29A (1), #61 (1), #6A (4), #92 (1), *For each 6 in. variation, add or subtract	146.00 9.00
L.	K-440	KIT, VALVE ROD ASSEMBLY, W-67 #28 (1), #8 (1) Indicate direction of opening and length of hydrant	33.50
M.	K-436/K-437	KIT, VALVE ROD ASSEMBLY, WB-67 Includes "H" and "I" above	47.50

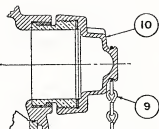
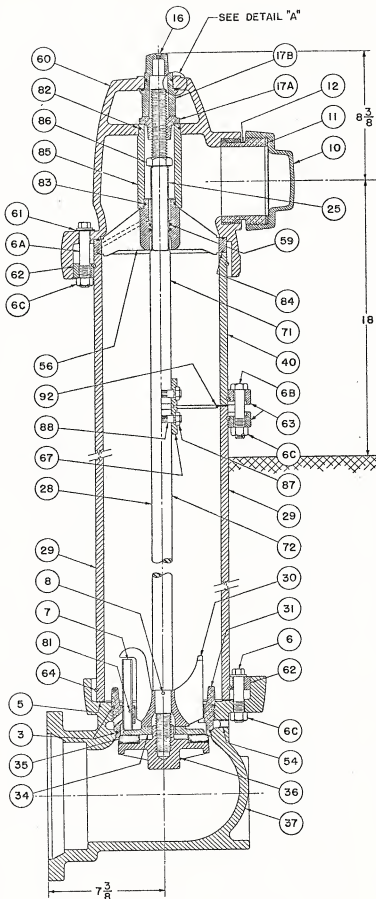
All prices subject to change without notice.

REF. NO.	PART NO.	DESCRIPTION OF PARTS	UNIT PRICE
N.	K-441	KIT, INSIDE ASSEMBLY, COMPLETE, W-67 Non-Traffic W-67 Hydrant #7 (1), #35 (1), #34 (1), #36 (1), #30 (1), #28 (1), #31 (1), #3 (2), #8 (1), #81 (1) Indicate direction of opening, length, and year of manufacture of hydrant.	\$ 89.00
O.	K-442	KIT, INSIDE ASSEMBLY, WB-67 Traffic WB-67 Hydrant #7 (1), #67 (1), #88 (2), #35 (1), #34 (1), #36 (1), #30 (1), #71 (1), #72 (1), #31 (1), #8 (1), #3 (2), #81 (1), #87 (4) Indicate direction of opening, length and year of manufacture of hydrant.	104.00
P.	K-443	KIT, BREAKOFF SECTION ASSEMBLY, REPLACEMENT, WB-67, 10 in.* #84 (2), #92 (1), #40 (1), #67 (1), #88 (1), #87 (2) *Add for each 6 in. additional length Indicate color	31.00 9.00
Q.	K-450	KIT, TOP ASSEMBLY, COMPLETE DDP, W-67, WB-67 #17A (1), #82 (1), #80 (1), #90 (1), #84 (1), #9 optional (1), #83 (1), #17B (1), #85 (1), #56 (1), #86 (1), #59 (2), #57 (1), #16 (1), #60 (1) Including #12 (2), #12A (1), #10 (2), #10C (1)	185.00
Q-1.	K-453	KIT, TOP ASSEMBLY, COMPLETE, DD, W-67, WB-67 Includes "Q" above less pumper nozzle, cap, gasket, and chain	150.00
R.	K-449	HYDRANT MAINTENANCE KIT #11B (10), #11 (20), #92 (4), #80 (5), #82 (5), #84 (10), #6A (10), #83 (5), #6B (10), #8 (5), #59 (5), #3 (10), #90 (5), 1 pound hydrant grease, 1 pint oil	60.00
S.	K-444	KIT, BOTTOM EXTENSION - 12 in. - 18 in. #5 (2), #46 (1), #64 (2), #54 (2), #63 (2), #6 (8) Plugs (2), Bushings (2) *If longer than 18 in. required, add for each 6 in. additional length Additional parts: #5 (1), #64 (2), #63 (2), #45 (1), #6 (4)	242.00 278.00 9.00
U.	K-458	KIT, TOP ASSEMBLY, DDP, WB-67 HYDRANT with B/O Section and upper rod #5 (2), #17A (1), #67 (1), #82 (1), #84 (2), #88 (1), #9 (1), #6A (4), #83 (1), #92 (1), #85 (1), #40 (1), #71 (1), #17B (1), #56 (1), #60 (1), #87 (2), #16 (1), #90 (1), #6B (4), #6C (8), #86 (1), #59 (1), #57 (1)	245.00
V.	K-459	KIT, NOZZLE SECTION ASS'Y, W-67 and WB-67 Hydrant DDP Nozzle Section (#60) Nozzle Section, (#12) Nozzles, (#10) Caps, (#9) Chains	133.00
W.	K-460	KIT, NOZZLE SECTION ASS'Y, W-67 and WB-67 Hydrant DD Nozzle Section (#60) Nozzle Section, (#12) Nozzles, (#10) Caps, (#9) Chains	100.00

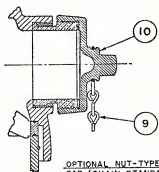
All prices subject to change without notice.

REF. NO.	PART NO.	DESCRIPTION OF PARTS	UNIT PRICE
X.	K-468	KIT, TOP ASSEMBLY, DD, WB-67 HYDRANT with B/O Section and Upper Rod Includes "U" above less pumper nozzle, cap, gasket and chain	\$214.00
Y.	K-469	KIT, TOP ASSEMBLY, PP, WB-67 HYDRANT with B/O Section and Upper Rod Includes "U" above less both hose nozzkes, caps, gaskets, and chains; plus one (1) pumper nozzle, cap, gasket and chain.	249.00

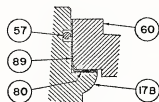
All prices subject to change without notice.



OPTIONAL ROCKER LUG CAP
WITH CHAIN
(MAIN VIEW SHOWS ROCKER
LUG CAP WITHOUT CHAIN.
POPULAR THREADS ONLY)

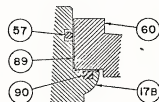


OPTIONAL NUT-TYPE
CAP (CHAIN STANDARD)



DETAIL "A"

PRIOR TO 1-1-70



DETAIL "A"

AFTER 1-1-70

5 IN. NON-JACKET HYDRANT ASS'Y
PL 80559
WATEROUS COMPANY
SOUTH ST. PAUL, MN 55075
(REVISED 3-77)

DEPARTMENT OF PURCHASES
Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of A.C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

Address REQUIRED FOR DELIVERY TO:

Department Water Maintenance & Service Department
or Division 415 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY - RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bids Thursday, May 19, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 24604. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.
TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		<p><u>Fire Hydrants</u> - Specifications Attached.</p> <p>Estimated usage for July 1, 1977 thru December 31, 1977</p> <p>The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid..</p> <p>We require a guaranteed firm price for the period July 1, 1977 thru December 31, 1977 and delivery to our yard within 30 days notification of release. This will not be a one time purchase. It is anticipated that release quantities will be 25 to 30 hydrants per release.</p> <p>Your parts list, with discounts, must accompany your bid.</p> <p>A blanket purchase order will be issued to the successful company, after necessary Councilmanic Approval, and the hydrants are to be delivered only upon issuance of departmental purchase orders.</p>		

Bid Bond required ☐ NO ☐ YES ☐ Performance Bond ☐ NO ☐ YES ☐

Terms 2 % cash discount if paid within 30 days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and as the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 90 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

MUELLER CO.

Signature of Company [Signature] Sales Service
Title Mgr.
Address 1401 Mueller Avenue
Chattanooga, TN 37406
City Chattanooga, TN 37406 Date 5/11/77

Page 1 of 6

Ref. No. 429

Date April 12, 1977

Date wanted May 19, 1977

Fund
Appropriation No. _____

FIRE HYDRANT SPECIFICATIONS
Section D - Fire Hydrants (Mains)

Fire hydrants used in the construction of water mains shall be of the traffic type and shall be made in accordance with the latest revisions of the American Water Works Association Standards, designation C502; shall have a six (6) inch mechanical joint bell inlet at the base and all jointing accessories in accordance with Section A-4a of these standards; shall open by turning left (counter clockwise); shall have a minimum valve opening of five (5) inches; shall be equipped with O-ring packing, one and one-half (1-1/2) inch pentagon operating nut, one four and one-half (4-1/2) inch pumper and two (2) two and one-half (2-1/2) inch hose connections, all on the plane, and having National Standard Fire Hose threads of four (4) threads and seven and one-half (7-1/2) threads per inch, respectively; and a ground line flange and shall be painted Federal Yellow.

The fire hydrant barrels shall be of sufficient length so as to connect with the hydrant leg, attached to the water main, and so the ground line flange is not less than two (2) inches or more than six (6) inches above the finished grade of the adjacent area.

Each fire hydrant shall be installed with a six (6) inch mechanical joint valve between it and the main to which it is connected. There shall be a twenty four (24) inch nipple of six (6) inch pipe between the valve and the hydrant. The following fire hydrants, or approved equals, are the only fire hydrants which will be accepted for use in connection with water main installations:

BRAND NAME:CATALOG NO.

Kennedy

K-10B

American - Darling

B-62B

Traverse City

H-1-M

Waterous

WB-67

Mueller

A-419

ESTIMATED USAGE - 75

Hydrant Traffic Type 5' 6" Bury.....MUELLER® A-419.....\$ 301.30
Add or Deduct for each 6" variation in trench depth.....\$ 6.30
Percentage of discount from included parts list.....-0-

Alternate Proposal --

~~Hydrant Traffic Type, 5' 6" bury Mueller® A-419 - \$301.30~~
~~Add or deduct for each 6" variation in trench depth - \$ 6.30~~
~~Percentage of discount from included parts list - 0~~

May 11, 1977

Parts for 5-1/4" A-419 MUELLER® Fire Hydrant-

H-51	Operating Nut -----	\$ 27.06
H-66	Pumper Nozzle -----	\$ 31.38
H-68	Pumper Cap Gasket-----	\$ 1.75
H-69	Cap Chain -----	\$ 1.44
H-70	Hose Nozzle -----	\$ 9.75
H-72	Hose Nozzle Gasket -----	\$.55
H-80	Lower Barrel	
	5 ft. Bury -----	\$ 170.12
	For each 6" variation-----	\$ 16.16
H-81	Drain Valve Facing -----	\$.77
H-82	Drain Valve Facing Screw -----	\$.23
H-84	Shoe Gasket -----	\$ 2.48
H-85	Shoe Bolt and Nut -----	\$ 1.07
H-88	Main Valve -----	\$ 21.18
H-89	Lower Valve Plate -----	\$ 3.55
H-91	Cap Nut -----	\$ 3.36
H-93	Stem "O" Ring -----	\$ 1.07
H-96	Hydrant Oil - 8 oz. -----	\$ 2.77
H-98	Oil Filler Plug -----	\$.55
H-100	"O" Ring -----	\$ 1.07
H-101	Hold Down Nut "O" Ring -----	\$ 1.07
H-125	Safety Stem Coupling-----	\$ 9.28
H-131	Lock Washer -----	\$.55
H-136	Clevis Pin -----	\$ 1.46
H-137	Cotter Pin -----	\$.23

May 11, 1977

Parts for 5-1/4" A-419 (Continued)

H-201	Weather Cap -----	\$ 10.35
H-202	Hold Down Nut -----	\$ 10.54
H-203	Lock Washer -----	\$ 2.77
H-204	Upper Barrel w/Housing (less nozzles) -----	\$ 192.10
H-205	Hose Nozzle Cap -----	\$ 10.08
H-206	Upper Stem -----	\$ 20.31
H-207	Pumper Nozzle Cap -----	\$ 23.69
H-208	Upper Barrel Seal -----	\$ 1.46
H-209	Safety Flange Bolt and Nut -----	\$ 1.07
H-210	Safety Flange Clip -----	\$.93
H-211	Lower Stem 5 ft. Bury -----	\$ 23.57
	For each 6" variation-----	\$ 1.75
H-212	Upper Valve Plate -----	\$ 36.20
H-213	Seat Ring -----	\$ 42.08
H-214	Shoe -----	\$ 127.32
H-215	Seat Ring Seal -----	\$ 2.61
H-216	Stem Pin -----	\$ 1.13
H-217	Seat Ring "O" Ring Seal -----	\$ 2.77
H-219	"O" Ring Seal -----	\$ 1.07

CITY OF FORT WAYNE

DEPARTMENT OF PURCHASES

Number One Main St., Ft. Wayne, Ind. 46802

INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc. to Attn. of A.C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department Water Maintenance & Service Department
or Division

415 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Thursday, May 19, 1977 at 10:30 A.M.
Time of Bids

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 14668. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.
TAX EXEMPT (Unless otherwise indicated)

Page 1 of 6Ref. No. 429Date April 12, 1977Date wanted May 19, 1977

Fund
Appropriation No. _____

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		<u>Fire Hydrants</u> - Specifications Attached.		
		Estimated usage for July 1, 1977 thru December 31, 1977		
		The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid..	\$320.00 ea.	
		We require a guaranteed firm price for the period July 1, 1977 thru December 31, 1977 and delivery to our yard within 30 days notification of release. This will not be a one time purchase. It is anticipated that release quantities will be 25 to 30 hydrants per release.		
		Your parts list, with discounts, must accompany your bid.		
		A blanket purchase order will be issued to the successful company, after necessary Councilmanic Approval, and the hydrants are to be delivered only upon issuance of departmental purchase orders.		

NO ☐ YES ☒

Performance Bond NO ☐ YES ☒

See Instruction Item No. 13 on reverse side hereof.

Terms 2 % cash discount if paid within 10 days from delivery and acceptance of goods or completion of services.
10 days prox - net 30 days

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications appearing and as the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 5 days from receipt of order.

IN CHICAGO STOCK

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Evan Morris

TRAVERGE CIVILIZATION WORKS

City of Chicago

CHGO OFFICE MGR

11861 Cottage Grove

CHICAGO, IL 60643

5/12/77

FIRE HYDRANT SPECIFICATIONS
Section D - Fire Hydrants (Mains)

Fire hydrants used in the construction of water mains shall be of the traffic type and shall be made in accordance with the latest revisions of the American Water Works Association Standards, designation C502; shall have ~~six (6) inch mechanical joint bell~~ inlet at the base and all jointing accessories in accordance with Section A-4a of these standards; shall open by turning left (counter clockwise); shall have a minimum valve opening of five (5) inches, shall be equipped with O-ring packing, one and one-half (1-1/2) inch pentagon operating nut, one four and one-half (4-1/2) inch pumper and two (2) two and one-half (2-1/2) inch hose connections, all on the plane, and having National Standard Fire Hose threads of four (4) threads and seven and one-half (7-1/2) threads per inch, respectively; and a ground line flange and shall be painted Federal Yellow.

The fire hydrant barrels shall be of sufficient length so as to connect with the hydrant leg, attached to the water main, and so the ground line flange is not less than two (2) inches or more than six (6) inches above the finished grade of the adjacent area.

Each fire hydrant shall be installed with a six (6) inch mechanical joint valve between it, and the main, to which it is connected. There shall be a twenty four (24) inch nipple of six (6) inch pipe between the valve and the hydrant. The following fire hydrants, or approved equals, are the only fire hydrants which will be accepted for use in connection with water main installations:

BRAND NAME:

Kennedy

American - Darling

Traverse City

Waterous

Mueller

CATALOG NO.

K-10B

B-62B

H-1-M

WB-67

A-419

ESTIMATED USAGE - 75

Hydrant Traffic Type 5' 6" Bury.....\$ 320.00 ea.Add or Deduct for each 6" variation in trench depth.....\$ 7.00Percentage of discount from included parts list..... 10%

CITY OF FORT WAYNE, IND.
DEPARTMENT OF PURCHASES
 Number One Main St., Ft. Wayne, Ind. 46802
INVITATION

Quotations, subject to the conditions on the reverse hereof, are requested on the following list of materials, supplies, equipment or services, for the department as mentioned, with delivery to destination as shown below. Quotations shall include all charges for delivery, packing, etc. Address your reply as indicated below.

*Mail all replies and correspondence, etc., to Attn. of A.C. Lord 423-7037 DEPARTMENT OF PURCHASES

Room 470, Number One Main St., Ft. Wayne, Ind. 46802

REQUIRED FOR DELIVERY TO:

Department or Division Water Maintenance & Service Department

415 East Wallace Street

Address Fort Wayne, Indiana 46803

RETURN ORIGINAL TO THE CITY—RETAIN DUPLICATE COPY FOR YOUR FILE

Closing Time of Bids Thursday, May 19, 1977 at 10:30 A.M.

TAXES: THE CITY IS EXEMPT FROM FEDERAL EXCISE AND INDIANA STATE SALES TAX. THE CITY'S INDIANA SALES TAX EXEMPTION CERTIFICATE NUMBER IS NO. 1468. PRICES SHOULD NOT INCLUDE THESE TAXES. See "Instructions to Bidders" No. 10 on reverse hereof for details.
TAX EXEMPT (Unless otherwise indicated)

Quantity	Unit	Materials, Supplies, Equipment or Services	Unit Price	Total Amount
		<u>Fire Hydrants - Specifications Attached.</u>		
		<u>Estimated usage for July 1, 1977 thru December 31, 1977</u>		
		<u>The enclosed Non-Collusion Affidavit must be properly executed and returned as part of your bid..</u>		
		<u>We require a guaranteed firm price for the period July 1, 1977 thru December 31, 1977 and delivery to our yard within 30 days notification of release. This will not be a one time purchase. It is anticipated that release quantities will be 25 to 30 hydrants per release.</u>		
		<u>Your parts list, with discounts, must accompany your bid.</u>		
		<u>A blanket purchase order will be issued to the successful company, after necessary Councilmanic Approval, and the hydrants are to be delivered only upon issuance of departmental purchase orders.</u>		

Bid Bond required ☒ YES ☐ NO Performance Bond ☒ YES ☐ NO
 See instruction item No. 18 on reverse side hereof.
 Terms 2 % cash discount if paid within 10 days from delivery and acceptance of goods or completion of services.

PROPOSAL OR BID

In compliance with the above invitation for bids and subject to all conditions thereof, the undersigned offers and agrees, if this bid be accepted within a reasonable time from date of closing, to furnish any or all of the items or render such services upon which prices are quoted, in accordance with the specifications applying and at the price set opposite each item.

Delivery of any or all of the items or completion of services indicated shall be made within 45 days from receipt of order.

IMPORTANT

As delivery may be a deciding factor in the award of an order, it is important that bidders furnish the information requested above.

Sign Here:

Kennedy Valve Mfg. Co., Inc.

Anthony C. Desautels, Jr. Name of Company Assistant Secretary

Address 1021 E. Water Street

City Elmhurst, New York 14902 Date 5/19/77

FIRE HYDRANT SPECIFICATIONS
Section D - Fire Hydrants (Mains)

Fire hydrants used in the construction of water mains shall be of the traffic type and shall be made in accordance with the latest revisions of the American Water Works Association Standards, designation C502; shall have a six (6) inch mechanical joint bell inlet at the base and all jointing accessories in accordance with Section A-4a of these standards; shall open by turning left (counter clockwise); shall have a minimum valve opening of five (5) inches; shall be equipped with O-ring packing, one and one-half (1-1/2) inch pentagon operating nut, one four and one-half (4-1/2) inch pumper and two (2) two and one-half (2-1/2) inch hose connections, all on the plane, and having National Standard Fire Hose threads of four (4) threads and seven and one-half (7-1/2) threads per inch, respectively; and a ground line flange and shall be painted Federal Yellow.

The fire hydrant barrels shall be of sufficient length so as to connect with the hydrant leg, attached to the water main, and so the ground line flange is not less than two (2) inches or more than six (6) inches above the finished grade of the adjacent area.

Each fire hydrant shall be installed with a six (6) inch mechanical joint valve between it and the main to which it is connected. There shall be a twenty four (24) inch nipple of six (6) inch pipe between the valve and the hydrant. The following fire hydrants, or approved equals, are the only fire hydrants which will be accepted for use in connection with water main installations:

BRAND NAME:

Kennedy

American - Darling

Traverse City

Waterous

Mueller

CATALOG NO.

K-10B

B-62B

H-1-M

WB-67

A-419

ESTIMATED USAGE - 75

Hydrant Traffic Type 5' 6" Bury.....	\$ 326.00
Add or Deduct for each 6" variation in trench depth.....	\$ 6.50
Percentage of discount from included parts list.....	10

REPAIR PART PRICES — FIG. K-10 STANDARD FIRE HYDRANTS

DESCRIPTION	4 1/2" and 5"	DESCRIPTION	4 1/2" and 5"
Cop Bolt w/Nut, ea.	\$ 1.75	Lower Standpipe Section:	
Operating Stem Nut w/Alemite Fitting	32.90	for 5' Trench, or Less	164.35
"O" Ring Seals, Set of 2	2.80	Add for Each 6" Increase	14.50
Cop	34.65	Drain Valve, w/Facings, and Top Plate	27.65
Lock Nut w/Set Screw	8.35	Drain Valve Facings, Pair	3.90
Cover Plate	21.25	Elbow Bolt w/Nut, ea.	1.90
Cover Plate Bolt w/Nut,ea.	1.90	Elbow Gasket	2.60
Cover Plate Gasket	2.60	Seat Ring w/Gasket	37.55
Nozzle Cap Hook, ea.	1.15	Seat Ring Gasket Only	3.15
Hose Nozzle Cap Gasket	1.25	Balata or Neoprene, Main Valve	18.30
Steamer Nozzle Cap Gasket	2.20	Bottom Plate	10.35
Hose Nozzle	13.80	Elbow w/Drain Tubing:	
Steamer Nozzle	29.40	4" Bell (4 1/2" Hydrant Only)	90.30
Hose Nozzle Cap w/Gasket	10.70	6" Bell	107.90
Steamer Nozzle Cap w/Gasket	24.05	4" Mechanical Joint or Flanged (4 1/2" Hydrant Only)	93.70
Nozzle Screw	.45	6" Mechanical Joint or Flanged	114.45
Nozzle Cap Chains:		Top Plate 5" Size "Only"	8.20
For Two 2 1/2" Nozzles	1.90	Extension Spool Complete w/Stem Section,	
For Two 2 1/2" and One Steamer Nozzle	2.25	Coupling, Pin, Bolts, Nuts and Gaskets:	
Upper Standpipe Section:		For 6" Increase	\$ 80.05
w/Two 2 1/2" Nozzles w/Cops and Chains	186.00	For 12" Increase	97.45
w/Two Hose & One Steamer Nozzle		For 18" Increase	104.45
Inserted w/Cops & Chains	239.30	For 24" Increase	144.60
Standpipe Bolt w/Nut, ea.	1.90	For 30" Increase	148.85
Standpipe Gasket	2.85	For 36" Increase	159.30
Stem w/Wrench Guide and Set Screws		For 42" Increase	163.70
for 5' Trench, or Less	36.65	For 48" Increase	190.00
Add for each 6" increase	2.35		

Fig. 114 Seat Removing Wrench
For One Depth of Trench.....\$ 99.33

Extension Wrench Nut to Make Fig.
114 Wrench Adj. 6", 12", 18", &
24".....\$ 29.82

REPAIR PART PRICES - FIG. K-10-B TRAFFIC MODEL HYDRANT - DITTO ABOVE PLUS THE FOLLOWING:

Collision Repair Kit (Includes
"O" Rings, Breaking Nuts, Bolts,
Compression Washers, Stem Coupling
and Coupling Pins).....\$49.67
Coupling "Only".....\$10.35
Coupling Pins - Each.....\$ 1.80
Standpipe Flange ("O" Ring Gasket)\$ 3.00
Upper Stem Section.....\$23.80
Lower Stem Section-5'0" or less
Trench.....\$25.75
Add for Each 6" Increase.....\$ 2.45

NOTE: When ordering any hydrant parts specify the following: Size & Fig. No. of hydrant, direction open, depth of trench, threading, size and shape of operating and cap nuts.

Bid Ref. #429

DATE	CARDS MAILED	BIDS PICKED UP	BIDS MAILED
<p>April 25, 1977</p> <p>Fire Hydrants</p> <p>VENDORS NAME & ADDRESS</p> <p>Water Maint. & Service</p> <p>Kennedy Valve</p> <p>1021 S. Water St.</p> <p>Elmira, NY</p>			<p>April 25, 1977</p>
<p>Traverse City Iron Works</p> <p>11861 Cottage Grove Ave.</p> <p>Chicago, Ill. 60628</p>			<p>April 25, 1977</p>
<p>Waterous Mfg. Co.</p> <p>803 S. Fillmore</p> <p>St. Paul Minn. 55107</p>			<p>April 25, 1977</p>
<p>Water Works Supplies, Inc.</p> <p>P.O. Box 29100</p> <p>Cumberland, Ind.</p>			<p>April 25, 1977</p>
<p>Clow Corp.</p> <p>51591 U. S. 31N.</p> <p>South Bend, Ind. 46317</p>			<p>April 25, 1977</p>
<p>Treaty Company</p> <p>4020 Wells Street</p>	<p>April 27, 1977</p>	<p>April 28, 1977</p>	
<p>Cooper Distributing</p> <p>3205 N. Wells Street</p>	<p>April 27, 1977</p>	<p>May 9, 1977</p>	
<p>Tri-State Plumbing</p> <p>1120 Taylor Street</p>	<p>April 27, 1977</p>	<p>May 9, 1977</p>	

REV
TITLE OF ORDINANCE SPECIAL ORDINANCE - CITY UTILITIES BLANKET PURCHASE ORDER #B-8972

DEPARTMENT REQUESTING ORDINANCE BOARD OF PUBLIC WORKS

SYNOPSIS OF ORDINANCE CITY UTILITIES BLANKET PURCHASE ORDER #B-8972 TO COOPER

DISTRIBUTING FOR FIRE HYDRANTS FOR THE WATER MAINTENANCE & SERVICE DEPT.

PER BID REFERENCE #429

(SEE ATTACHED MEMORANDUM)

EFFECT OF PASSAGE INSTALLATION OF FIRE HYDRANTS WHERE NECESSARY & URGENT

EFFECT OF NON-PASSAGE ENDANGERING THE SAFETY OF CITIZENS IN AREA WHERE FIRE
HYDRANTS ARE TO BE INSTALLED

MONEY INVOLVED (DIRECT COSTS, EXPENDITURES, SAVINGS) _____

ASSIGNED TO COMMITTEE _____